

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 20366-036US1	Application No. 10/539,228
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Morris, et al.	
		Filing Date October 28, 2005	Group Art Unit 1643

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/ALH/	AA	2002/0132237	09/19/2002	Algate et al.			
	AB	4,179,337	12/18/1979	Davis et al.			
	AC	4,301,144	11/17/1981	Iwashita et al.			
	AD	4,469,863	09/04/1984	Ts'o et al.			
	AE	4,496,689	01/29/1985	Mitra			
	AF	4,640,835	02/03/1987	Shimizu et al.			
	AG	4,670,417	06/02/1987	Iwasaki et al.			
	AH	4,683,195	07/28/1987	Mullis et al.			
	AI	4,683,202	07/28/1987	Mullis et al.			
	AJ	4,753,894	06/28/1988	Frankel et al.			
	AK	4,777,127	10/11/1988	Suni et al.			
	AL	4,791,192	12/13/1988	Nakagawa et al.			
	AM	4,816,567	03/28/1989	Cabilly et al.			
	AN	4,892,890	01-09-1990	Damani			
	AO	4,938,948	07/03/1990	Ring et al.			
	AP	4,956,453	09/11/1990	Bjorn et al.			
	AQ	4,959,314	09/25/1990	Mark et al.			
	AR	5,034,506	07/23/1991	Summerton et al.			
	AS	5,124,246	06/23/1992	Urdea et al.			
	AT	5,149,655	09/22/1992	McCabe et al.			
	AU	5,206,152	04/27/1993	Sukhatme			
	AV	5,216,141	06/01/1993	Benner			
	AW	5,219,740	06/15/1993	Miller et al.			
	AX	5,235,033	08/10/1993	Summerton et al.			
	AY	5,359,100	10/25/1994	Urdea et al.			
	AZ	5,384,261	01/24/1995	Winkler et al.			
	AAA	5,386,023	01/31/1995	Sanghvi et al.			

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/ALH/	ABB	5,419,966	05/30/1995	Reed et al.			
	ACC	5,422,120	06/06/1995	Kim			
	ADD	5,445,934	08/29/1995	Fodor et al.			
	AEE	5,470,967	11/28/1995	Huie et al.			
	AFF	5,530,101	06/25/1996	Queen et al.			
	AGG	5,545,730	08/13/1996	Urdea et al.			
	AHH	5,545,806	08/13/1996	Lonberg et al.			
	AII	5,545,807	08/13/1996	Surani et al.			
	AJJ	5,569,825	10/29/1996	Lonberg et al.			
	AKK	5,571,670	11/05/1996	Urdea et al.			
	ALL	5,580,731	12/03/1996	Chang et al.			
	AMM	5,580,859	12/03/1996	Felgner et al.			
	ANN	5,585,089	12/17/1996	Queen et al.			
	AOO	5,591,584	01/07/1997	Chang et al.			
	APP	5,594,117	01/14/1997	Urdea et al.			
	AQQ	5,594,118	01/14/1997	Urdea et al.			
	ARR	5,597,909	01/28/1997	Urdea et al.			
	ASS	5,602,240	2/11/1997	De Mesmaecker et al.			
	ATT	5,624,802	4/29/1997	Urdea et al.			
	AUU	5,625,126	4/29/1997	Lonberg et al.			
	AVV	5,633,425	5/27/1997	Lonberg et al.			
	AWW	5,635,352	6/03/1997	Urdea et al.			
	AXX	5,637,684	6/10/1997	Cook et al.			
	AYY	5,644,048	7/01/1997	Yau			
	AZZ	5,654,337	08/05/1997	Roentsch et al.			
	AAAA	5,661,016	8/26/1997	Lonberg et al.			
	ABBB	5,681,697	10/28/1997	Urdea et al.			

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/ALH/	ACCC	5,681,702	10/28/1997	Collins et al.			
	ADDD	5,700,637	12/23/1997	Southern			
	AEEE	5,714,331	02/03/1998	Buchardt et al.			
	AFFF	5,759,776	06/02/1998	Smith et al.			
	AGGG	5,776,683	07/07/1998	Smith et al.			
	AHHH	5,814,482	09/29/1998	Dubensky, Jr. et al.			
	AIHH	5,837,832	11/17/1998	Chee et al.			
	AJJJ	5,928,870	07/27/1999	Lapidus et al.			
	AKKK	5,939,598	08/17/1999	Kucherlapati et al.			
	ALLL	6,074,825	06/13/2000	Rundell et al.			
	AMMM	6,107,475	08-22-2000	Godiska et al.			
	ANNN	6,153,441	11/28/2000	Appelbaum et al.			
	AOOO	6,410,229	06/25/2002	Lockhart et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Exam. Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
/ALH/	APPP	EP 0 225 807	06/16/1987	Europe				
	AQQQ	EP 0 345 242	12/06/1989	Europe			Abst. only	
	ARRR	EP 0 524 968	02/03/1993	Europe				
	ASSS	EP 0 519 596	12/23/1992	Europe				
	ATTT	EP 1 365 034	11-26-2003	Europe				
	AUUU	WO 0172830	10-04-2001	WIPO			Abst. only	
	AVVV	GB 2 200 651	08/10/1988	Great Britain				
	AWWW	WO 87/05330	09/11/1987	WIPO				
	AXXX	WO 90/07936	07/26/1990	WIPO				
	AYYY	WO 90/10448	09/20/1990	WIPO				
	AZZZ	WO 90/11092	10/04/1990	WIPO				

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							Yes	No
/ALH/	AAAAA	WO 91/02805	03/07/1991	WIPO				
	ABBBB	WO 91/04753	04/18/1991	WIPO				
	ACCCC	WO 91/10741	07/25/1991	WIPO				
	ADDDD	WO 91/14445	10/03/1991	WIPO				
	AEEEE	WO 92/02526	02/20/1992	WIPO				
	AFFFF	WO 92/11022	07/09/1992	WIPO			Abst. only	
	AGGGG	WO 92/11033	07/09/1992	WIPO				
	AHHHH	WO 93/03769	03/04/1993	WIPO				
	AIIII	WO 93/10218	05/27/1993	WIPO				
	AJJJJ	WO 93/11230	06/10/1993	WIPO				
	AKKKK	WO 93/14778	08/05/1993	WIPO				
	ALLLL	WO 93/19191	09/30/1993	WIPO				
	AMMMM	WO 93/22443	11/11/1993	WIPO				
	ANNNN	WO 93/25234	12/23/1993	WIPO				
	AOOOO	WO 93/25698	12/23/1993	WIPO				
	APPPP	WO 94/02602	02/03/1994	WIPO				
	AQQQQ	WO 94/03622	02/17/1994	WIPO				
	ARRRR	WO 94/12649	06/09/1994	WIPO				
	ASSSS	WO 94/23697	10/27/1994	WIPO				
	ATTTT	WO 94/28938	12/22/1994	WIPO				
	AUUUU	WO95/00655	01/05/1995	WIPO				
	AVVVV	WO95/07994	03/23/1995	WIPO				
	AWWWW	WO95/11984	05/04/1995	WIPO				
	AXXXX	WO95/13796	05/26/1995	WIPO				
	AYYYY	WO95/25116	09/21/1995	WIPO				
	AZZZZ	WO95/30763	11/16/1995	WIPO				
	AAAAAA	WO95/35505	12/28/1995	WIPO				

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							Yes	No
/ALH/	ABBBBB	WO96/17072	06/06/1996	WIPO				
↓	ACCCCC	WO96/30498	10/03/1996	WIPO				
	ADDDDD	WO96/33735	10/31/1996	WIPO				
	AEEEEEE	WO97/27212	07/31/1997	WIPO				
	AFFFFFF	WO97/27213	07/31/1997	WIPO				
	AGGGGG	WO97/42338	11/13/1997	WIPO				
	AHHHHH	WO98/24893	06/11/1998	WIPO				
	AIIIII	WO 01/43869	06/21/2001	WIPO				
	AJJJJJ	WO01/94629	12/13/2001	WIPO				
	AKKKKK	WO02/22660	03/21/2002	WIPO				
	ALLLLL	WO02/057497	07-25-2002	WIPO				
	AMMMMM	WO03/008583	01/30/2003	WIPO				
	ANNNNN	WO03/039443	05-15-2003	WIPO				
↓	AOOOOO	WO03/057146	07/17/2003	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
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/ALH/	APPPPP	Allen, J. D. and Berns, A. (1996). "Complementation Tagging of Cooperating Oncogenes in Knockout Mice," <i>Cancer Biology</i> 7:299-306.
↓	AQQQQQ	Allen, L. F. et al. (Dec. 1991). "G-Protein-Coupled Receptor Genes as Protooncogenes: Constitutively Activating Mutation of the α_{1B} -Adrenergic Receptor Enhances Mitogenesis and Tumorigenicity," <i>Proceedings of the National Academy of Sciences of the United States of America</i> 88(24):11324-11358.
	ARRRRR	Altschul, S. F. and Gish, W. (1996). "Local Alignment Statistics" <i>In Methods in Enzymology</i> Vol. 266, Academic Press, Inc., pp. 460-480.
	ASSSSS	Altschul, S. F. et al. (1990). "Basic Local Alignment Search Tool," <i>J. Mol. Biol.</i> 215:403-410.
↓	ATTTTT	Aplin, J. D. and Wriston, Jr., J. C. (1981). "Preparation, Properties, and Applications of Carbohydrate Conjugates of Proteins and Lipids," <i>CRC Crit. Rev. Biochem.</i> pp. 259-306.

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/ALH/	AUUUUU	Apweiler, R. et al. (2000). "InterPor-an Integrated Documentation Resource for Protein Families, Domains and Functional Sites," <i>Bioinformatics</i> 16(12):1145-1150.
	AVVVVV	Arenberg, D. A. et al. (2001). "The Murine CC Chemokine, 6C-Kine, Inhibits Tumor Growth and Angiogenesis in a Human Lung Cancer SCID Mouse Model," <i>Cancer Immunol. Immunother</i> 49:587-592.
	AWWWWW	Arihiro, K. et al. (January 2000). "Significance of $\alpha 9\beta 1$ and $\alpha v\beta 6$ Integrin Expression in Breast Carcinoma," <i>Breast Cancer</i> 7(1):19-26.
	AXXXXX	Augenlicht, L. H. et al. (March 1982). "Cloning and Screening of Sequences Expressed in a Mouse Colon Tumor," <i>Cancer Research</i> 42:1088-1093.
	AYYYYY	Ausubel, F. M. et al., eds. (1992). <u>Short Protocols in Molecular Biology</u> . Greene Publishing Associates and John Wiley & Sons, pp. iii-xviii (Table of Contents Only).
	AZZZZZ	Author Unknown. (2000). "The Gene Ontology: Tool for the Unification of Biology," The Gene Ontology Consortium, <i>Nature Genetics</i> 25:25-29.
	AAAAAAA	Bai, J. et al. (1999). "Sequence Comparison of JSRV with Endogenous Proviruses: Envelope Genotypes and a Novel ORF With Similarity to a G-Protein-Coupled Receptor," <i>Virology</i> 258:333-343.
	ABBBBBB	Beaucage, S. L. and Iyer, R. P. (1993). "The Functionalization of Oligonucleotides Via Phosphoramidite Derivatives," <i>Tetrahedron</i> 49(10):1925-1963.
	ACCCCCC	Berns, A. (Date unknown). "Table A: Retroviral Insertion Sites in Ep.Myc and Ep.Myc, Pim⁺ Pim²⁺ Lymphomas," published in the advance online issue of <i>Nature Genetics</i>, 13 pages total.
	ADDDDDD	Berns, A. (Date unknown). "Web Fig A," describing PIM protein actions, published in the advance online issue of the <i>Nature Genetics</i>, 1 page total.
	AEEEEEE	Berns, A. (1988). "Provirus Tagging as an Instrument to Identify Oncogenes and to Establish Synergism Between Oncogenes", <i>Archives of Virology</i> 102:1-18.
↓	AFFFFFF	Boerner, P. et al. (1991). "Production of Antigen-Specific Human Monoclonal Antibodies from in Vitro-Primed Human Splenocytes," <i>J. Immunol.</i> 147(1):86-95.

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/ALH/	AGGGGGG	Bolli, M. et al. (1994). "α-Bicyclo-DNA: Synthesis, Characterization, and Pairing Properties of α-DNA-Analogues with Restricted Conformational Flexibility in the Sugar-Phosphate Backbone," Chapter 7 <i>In Carbohydrate Modifications in Antisense Research</i> , ACS Symposium Series 580, Shangvi, Y. S. and Cook, P. D., eds, American Chemical Society, Washington, pp. 100-117.
	AHHHHHH	Brill, W. et al. (1989). "Synthesis of Oligodeoxynucleoside Phosphoridithioates via Thioamidites," <i>J. Am. Chem. Soc.</i> 111:2321-2322.
	AIIIII	Brondz, I. et al. (1991). "Multivariate Analyses of Fatty Acid Data from Whole-Cell Methanolysates of <i>Prevotella</i> , <i>Bacteroides</i> and <i>Phorphyromonas</i> spp," <i>Gen. Microbiol.</i> 137:1445-1452.
	AJJJJJ	Brower, V. (1998). "Naked DNA Vaccines Come of Age," <i>Nature Biotechnology</i> 16:1304-1305.
	AKKKKKK	Brown, B. A. et al. (1987). "Tumor-Specific Genetically Engineered Murine/Human Chimeric Monoclonal Antibody," <i>Cancer Res.</i> 47:3577-3583.
	ALLLLLL	Campbell, A. M. (1984). "The Production and Characterization of Rodent and Human Hybridomas," Chapter 1 <i>In Monoclonal Antibody Technology</i> , Burdon, R. H. and van Knippenberg, P. H., eds., Elsevier, pp. 1-32.
	AMMMMMM	Caplen, N. J. et al. (2001). "Specific Inhibition of Gne Expression by Small Double-Stranded RNA's in Invertebrate and Vertebrate Systems," <i>Proc. Natl. Acad. Sci. USA</i> 98:9742-9747.
	ANNNNNN	Carlsson, C. et al. (1996). "Screening for Genetic Mutations," <i>Nature</i> 380:207 (1 page total).
	AOOOOOO	Carpino, L. A. and Han, G. Y. (1972). "The 9-Florenyl-methoxycarbonyl Amino-Protecting Group," <i>J. Org. Chem</i> 37:3404-3409.
	APPPPPP	Cesarone, C. et al. (1979). "Improved Microfluorimetric DNA Determination in Biological Material Using 33258 Hoechst," <i>Anal. Biochem.</i> 10:188-197.
	AQQQQQQ	Chiou, H. C. et al. (1994). "In Vivo Gene Therapy Via Receptor-Mediated DNA Delivery," <i>In Gene Therapeutics: Methods and Applications of Direct Gene Transfer</i> , Wolff, J. A., ed. Birkhauser, pp. 143-156.
	ARRRRRR	Chothia, and Lesk, A. M. (1987). "Canonical Structures for the Hypervariable Regions of Immunoglobulins," <i>J. Mol. Biol.</i> 196:901-917.

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/ALH/	ASSSSSS	Chou, P. Y. and Fasman, G. D. (1978). "Prediction of The Secondary Structure of Proteins From Their Amino Acid Sequence," <i>In Advances in Enzymology</i> , Meister, A. , ed. John Wiley, Volume 47, pp. 45-148.
	ATTTTTT	Clarke, J. and Ferscht, A. R. (1993). "Engineering Disulfide Bonds as Probes of the Folding Pathway of Barnase: Increasing the Stability of Proteins Against the Rate of Denaturation," <i>Biochemistry</i> 32(16):4322-4329.
	AUUUUUU	Claverie (1994). "Automated DNA Sequencing and Analysis Techniques," Adams et al, eds Chap. 36 p. 267. Academic Press, San Diego.
	AVVVVVV	Claverie (1996). "Effective Large Scale Sequence Similarity Searches," Computer Methods for Macromolecular Sequence Analysis, Doolittle, ed. Meth. Enzymol. 266:212-227.
	AWWWWWW	Cole, S.P.C., et al. (1985). "The EBV-Hybridoma Technique and Its Application to Human Lung Cancer," <i>In Monoclonal Antibodies and Cancer Therapy</i> , Reisfeld, R. A. and Sell, S., ed., Alan R. Liss, New York, p. 77-96 (Includes Table of Contents).
	AXXXXXX	Connelly, S. et al. (1995). "In Vivo Gene Delivery and Expression of Physiological Levels of Functional Human Factor VIII in Mice," <i>Human Gene Therapy</i> 1:185-193.
	AYYYYYY	Creighton, T. E., ed. (1983). "Posttranslational Covalent Modifications of Polypeptide Chains," Chapter 2.4 <i>In Proteins: Structure and Molecular Properties</i> . W. H. Freeman & Co., San Francisco pp. 78-86 (Includes Table of Contents).
	AZZZZZZ	Curiel, D. T. et al. (1992). "High-Efficiency Gene Transfer Mediated by Adenovirus Coupled to DNA-Polylysine Complexes," <i>Hum. Gene. Ther.</i> 3:147-154.
	AAAAAAAA	Database GenCore on STN, Accession NO. U52152, Schoots et al. "Cloning of Four Inwardly Rectifying Potassium Channels from Human," Direction Submission March 25, 1996 amino Acid and Nucleic acid Sequences.
	ABBBBBBB	Database GenCore on STN, on Accession Number AF275818, Yang et al. 23 July 2000. "A Family of Novel PR- Domanin (PRDM) Genes as Candidate Tumor Suppressors".
	ACCCCCC	Database GenCore, Accession No. U78076, created on May 14, 1999, last visited on October 24, 2004. Lee et al. "Cloning of Mouse Sepiapterin Reductase Gene and Characterization of its Promoter Region," Gene Sequence, <i>Biochim. Biophys. Acta</i> (1999). Vol. 1445 No. 1 pages 165-171. MPSRCH Search Report, 2004, 1 page.
	ADDDDDDD	David, G. S. and Reisfeld, R. A. (1974). "Protein Iodination with Solid State Lactoperoxidase," <i>Biochemistry</i> 13(5):1014-1021.

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/ALH/	AEEEEEEE	De Mesmaeker, A. et al. (1994). "Comparison of Rigid and Flexible Backbones in Antisense Oligonucleotides," <i>Bioorganic & Medicinal Chem. Lett.</i> 4(3):395-398.
	AFFFFFFF	De Mesmaeker, A. et al. (1994). "Novel Backbone Replacements for Oligonucleotides," Chapter 2 <i>In Carbohydrate Modifications in Antisense Research</i> , ACS Symposium Series 580, Shanghvi, Y. S and Cook, P. D, eds., American Chemical Society, Washington, pp. 24-39.
	AGGGGGGG	Delii Bovi, P. et al. (1986). "Presence of Chromosomal Abnormalities and Lack of AIDS-Associated Kaposi's Sarcoma," <i>Cancer Res.</i> 46:6333-6338.
	AHHHHHHH	Dempcy, R. O. et al. (1995). "Synthesis of a Thymidyl Pentamer of Deoxyribonucleic Guanidine and Binding Studies with DNA Homopolynucleotides," <i>Proc. Natl Acad. Sci. USA</i> 92:6097-6101.
	AIIIIIII	DeRisi, et al. (1996). "Use of a cDNA Microarray to Analyse Gene Expression patterns in Human Cancer," <i>Nature Genetics</i> 14:457-460.
	AJJJJJJJ	Desbois, C. et al. (1996). "Exclusion of <i>Int-6</i> from PML Nuclear Bodies by Binding to the HTLV-1 Tax Oncoprotein," <i>Science</i> 273:951-953.
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